

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

J.J. GARCIA-LUNA-ACEVES, ET AL.

Application No.: 09/844,759

Filed: April 26, 2001

For: **SYSTEM AND METHOD FOR  
RESOLVING NETWORK LAYER  
ANYCAST ADDRESSES TO NETWORK  
LAYER UNICAST ADDRESSES**



Art Group: 2152

Examiner: Chankong, Dohm

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed), which are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

10/11/2006 YPOLITE1 00000006 09844759

01 FC:1806

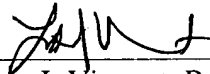
100.00 0P

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



Lester J. Vincent, Reg. No. 31,460

Date: October 06, 2006

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 720-8300

Substitute for Form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

OCT 10 2006

**Complete if Known**

Application Number	09/844,759
Filing Date	April 26, 2001
First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2152
Examiner Name	Changkong. Dohm
Attorney Docket Number	5543P004

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
		us-	5,088,032	2/11/1992	Bosack	
		us-	5,115,495	5/19/1992	Tsuchiya et al.	
		us-	5,774,668	6/30/1998	Choquier et al.	
		us-	6,012,067	1/4/2000	Sarkar	
		us-	6,115,752	9/5/2000	Chauhan	
		us-	6,256,675 B1	7/3/2001	Rabinovich	
		us-	6,298,381 B1	10/2/2001	Shah et al.	
		us-	6,377,551 B1	4/23/2002	Luo et al.	
		us-	US 2001/0056416 A1	12/27/2001	Garcia-Luna-Aceves	
		us-	US 2002/0004846 A1	1/10/2002	Garcia-Luna-Aceves et al.	
		us-	US 2002/0007413 A1	1/17/2002	Garcia-Luna-Aceves et al.	
		us-	US 2002/0010737 A1	1/24/2002	Garcia-Luna-Aceves et al.	
		us-	US 2002/0163889 A1	11/7/2002	Yemini et al.	
		us-	US 2002-0026511 A1	2/28/2002	Garcia-Luna-Aceves et al.	
		us-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		WO 98/57275	12/17/1998	Kavak		

Examiner  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>Substitute for Form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/844,759
				Filing Date	April 26, 2001
				First Named Inventor:	J.J. Garcia-Luna-Aceves
				Art Unit	2152
				Examiner Name	Changkong. Dohm
Sheet	2	of	2	Attorney Docket Number	5543P004
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Ari Luotonen, Henrik Frystyk Nielsen, and Tim Berbers-Lee. Cern httpd. <a href="http://www.w3.org/Daemon">http://www.w3.org/Daemon</a> , July 1996			
		C. Parsa and J.J. Garcia-Luna-Aceves, "Improving TCP Congestion Control over Internets with Heterogeneous Transmission Media," Proc. IEEE ICNP '99, Toronto, Canada (October 31 to November 3, 1999)			
		Craig Partridge, Trevor Mendez, and Walter Milliken, "Host Anycasting Service," Network Working Group, RFC" 1546 (November 1993)			
		C. Hedrick, "Routing Information Protocol," XP002233127, Network Working Group, Request for Comments: 1058 (June 1998)			
		Chu et al., "A Case for End System Multicast," Proceedings of ACM SIGMETRICS, Santa Clara, CA, pp. 1-12 (June 2000)			
		John Jannotti, et al., "Overcast: Reliable Multicasting with an Overlay Network," Proceedings of OSDI, San Diego, CA (October 2000)			
		J. Garcia-Luna-Aceves and M. Spohn, "Scalable Link-State Internet Routing," ICNP, Sixth International Conference on Network Protocols (ICNP'98), Austin, Texas, pp. 52-61 (October 14-16, 1998)			

Examiner Signature	Date Considered	
--------------------	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.  
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

J.J. Garcia-Luna-Aceves

Application No: 09/844,759

Filing Date: April 26, 2001

For: System and Method for Resolving  
Network Layer Anycast Addresses to  
Network Layer Unicast Addresses

Examiner: Dohm Chankong

Art Unit: 2152

Confirmation No.: 2123

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

on October 6, 2006  
Date of Deposit

Joan I. Abriam  
Name of Person Mailing Correspondence

*Joan I. Abriam* October 6, 2006  
Signature Date

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CROSS REFERENCE TO RELATED APPLICATIONS UNDER 37 C.F.R. § 1.78**

Sir or Madam:

Pursuant to 37 C.F.R. § 1.78, applicants hereby cross reference the following patent applications that are related to the present application:

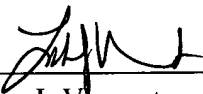
- (1) U.S. Patent Application No. 09/810,148, filed March 15, 2001;
- (2) U.S. Patent Application No. 11/499,182, filed August 3, 2006;
- (3) U.S. Patent Application No. 09/845,088, filed April 26, 2001;
- (4) U.S. Patent Application No. 09/843,789, filed April 26, 2001;
- (5) U.S. Patent Application No. 09/844,857, filed April 26, 2001;
- (6) U.S. Patent Application No. 09/844,856, filed April 26, 2001;
- (7) U.S. Provisional Patent Application No. 60/200,404, filed April 28, 2000, now expired;
- (8) U.S. Provisional Patent Application No. 60/200,401, filed April 28, 2000, now expired;

- (9) U.S. Provisional Patent Application No. 60/200,511, filed April 28, 2000, now expired;
- (10) U.S. Provisional Patent Application No. 60/200,402, filed April 28, 2000, now expired; and
- (11) U.S. Provisional Patent Application No. 60/200,403, filed April 28, 2000.

If there are any additional charges/credits, please charge/credit our deposit account no. 02-2666.

Respectfully submitted,  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: October 6, 2006

  
\_\_\_\_\_  
Lester J. Vincent  
Reg. No. 31,460

Customer No. 08791  
12400 Wilshire Blvd.  
Seventh Floor  
Los Angeles, CA 90025  
(408) 720-8300